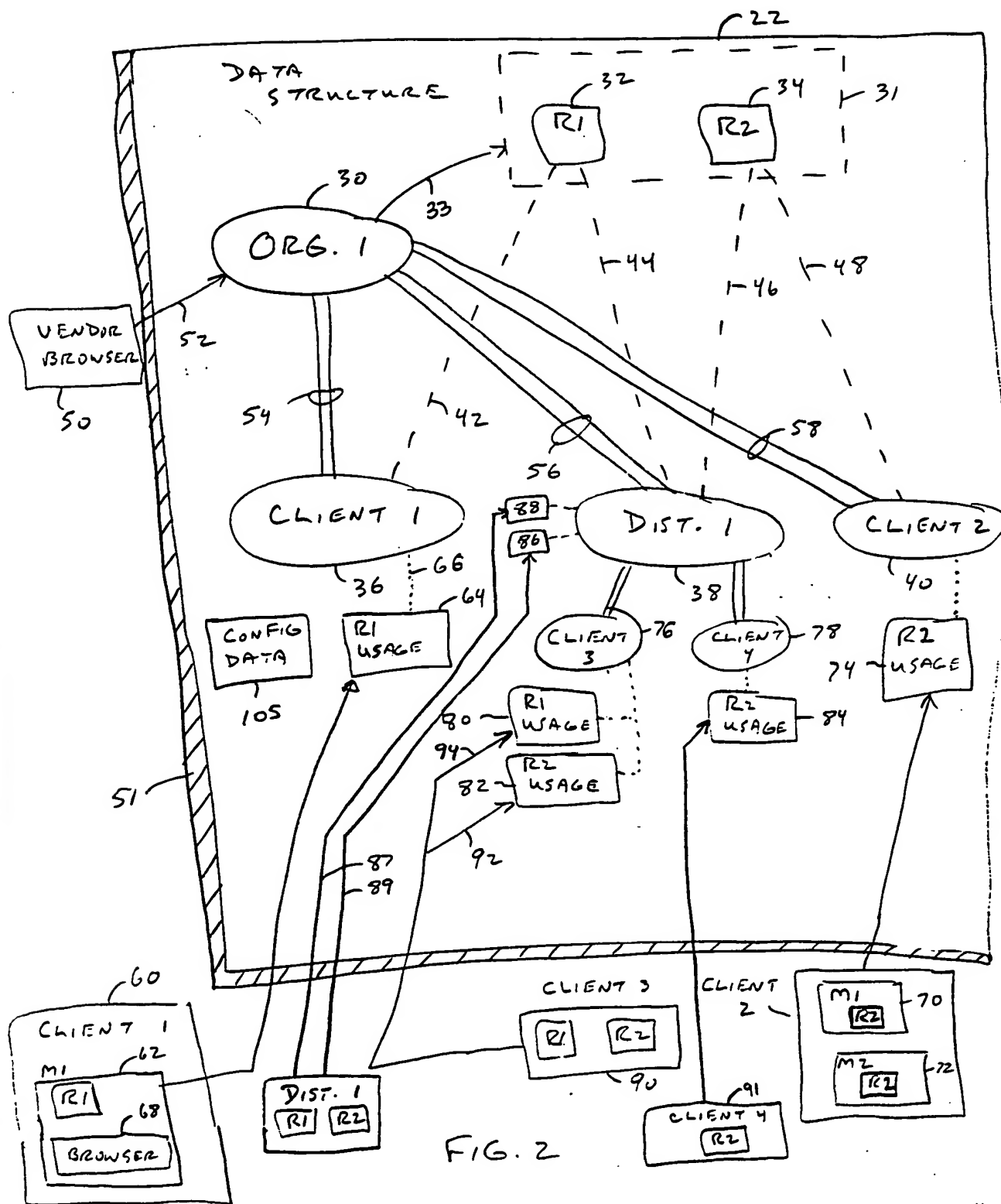


FIG. 1



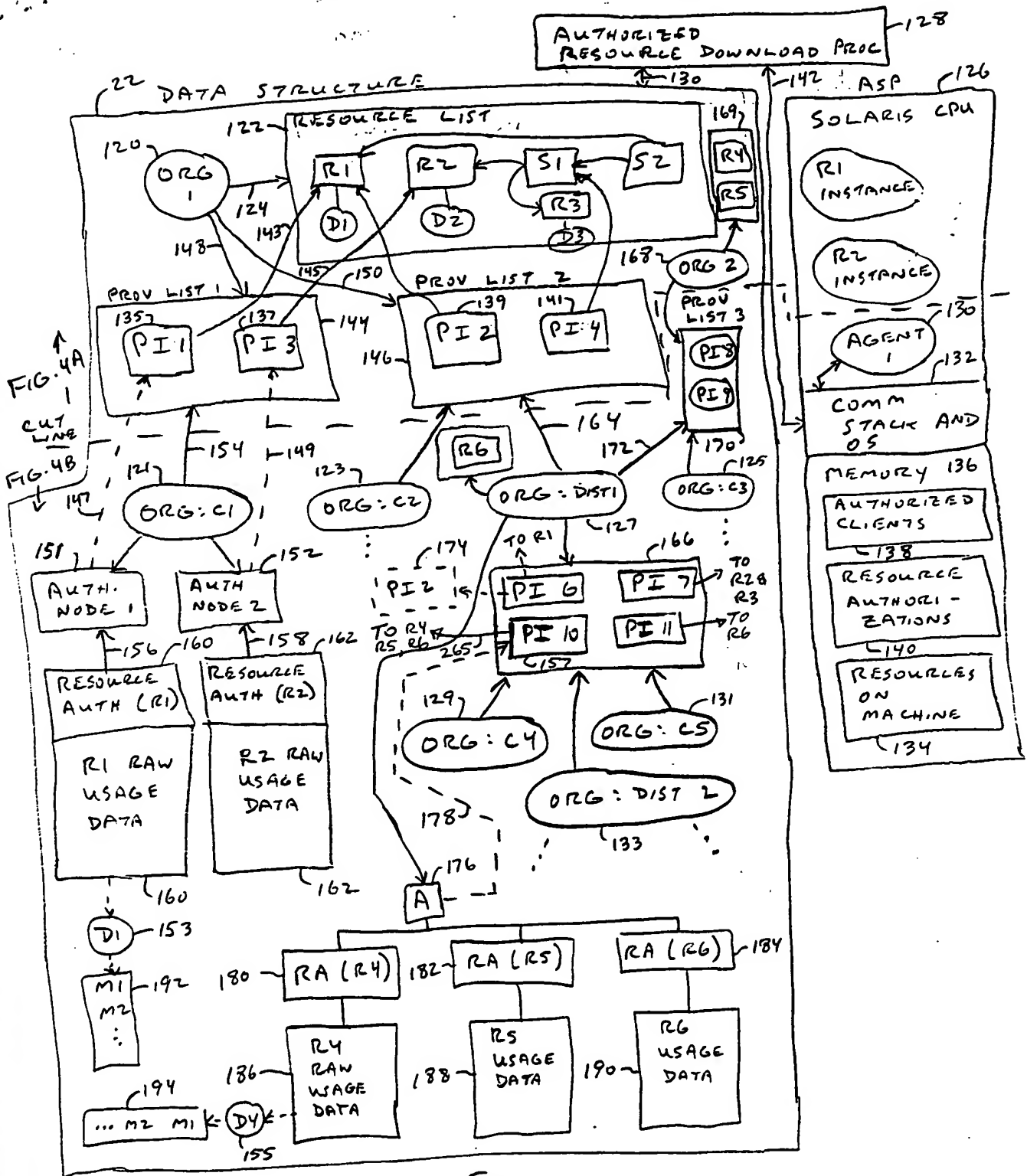
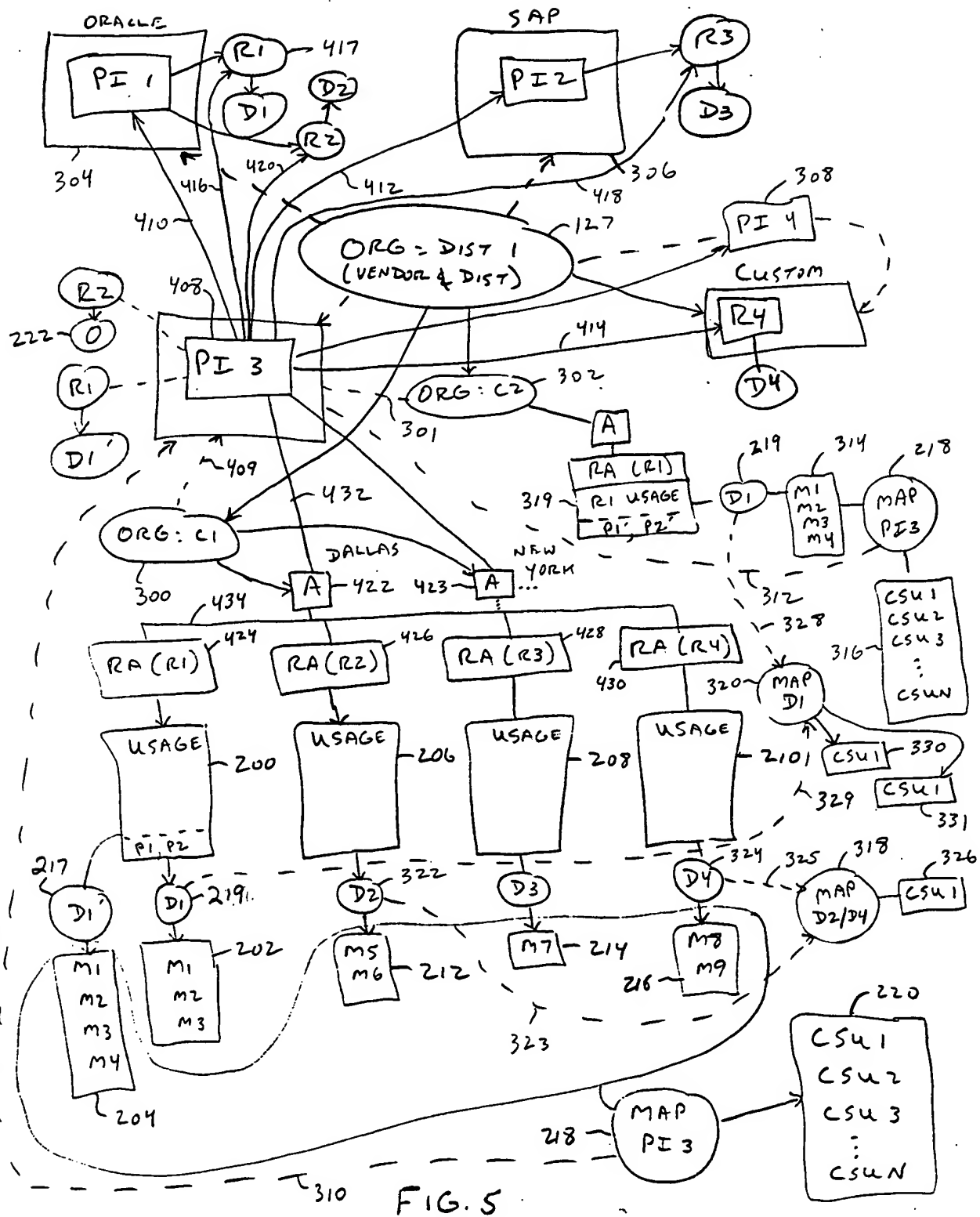


FIG. 4



**OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA
BY A PROGRAMMABLE MAPPING**

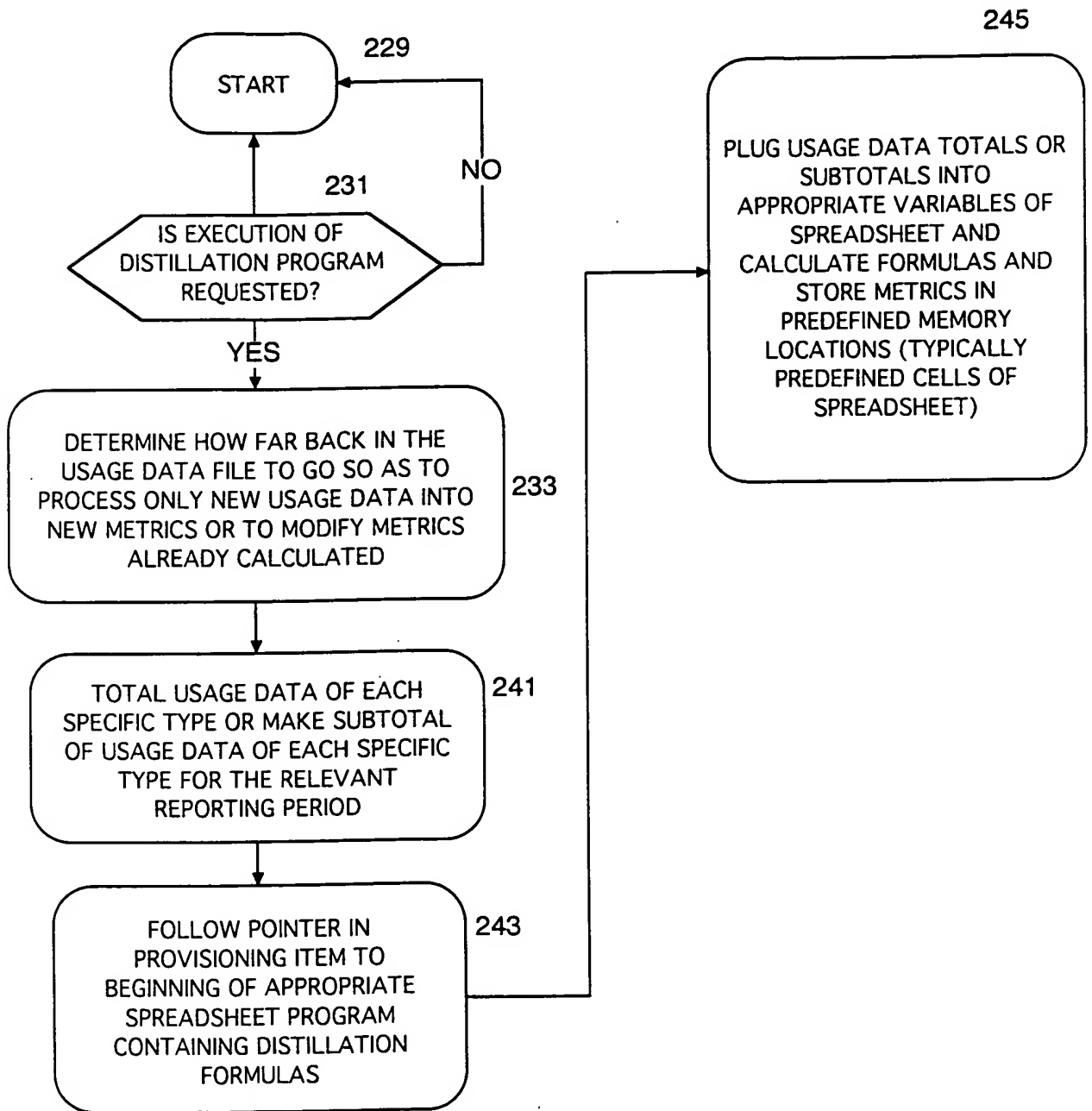


FIG. 6A

**OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA
BY A PROGRAMMABLE MAPPING USING A PROGRAMMABLE DISTILLATION PGM**

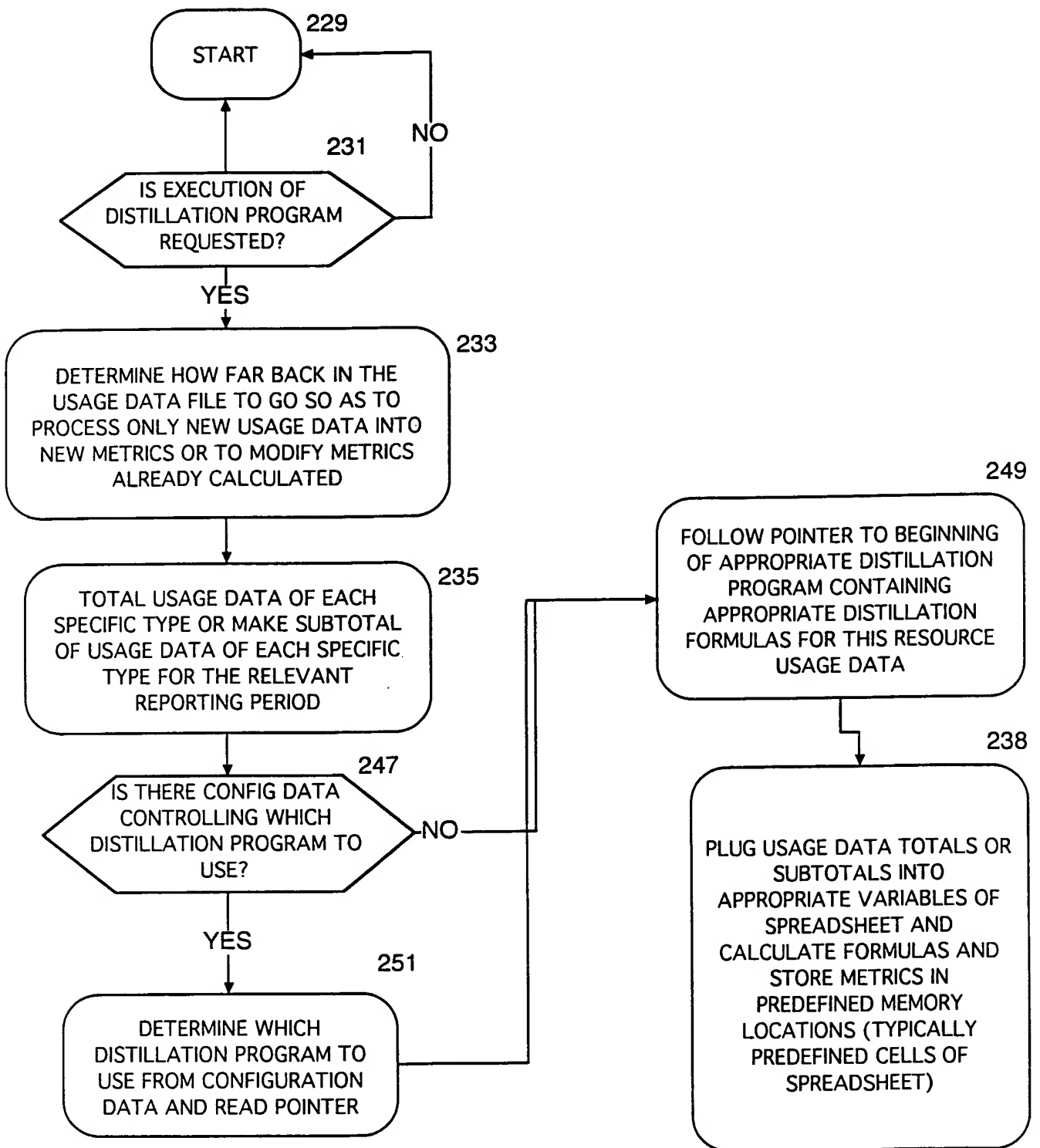


FIG. 6B

PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND
PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS
OF THE CUSTOMER'S DESIGN

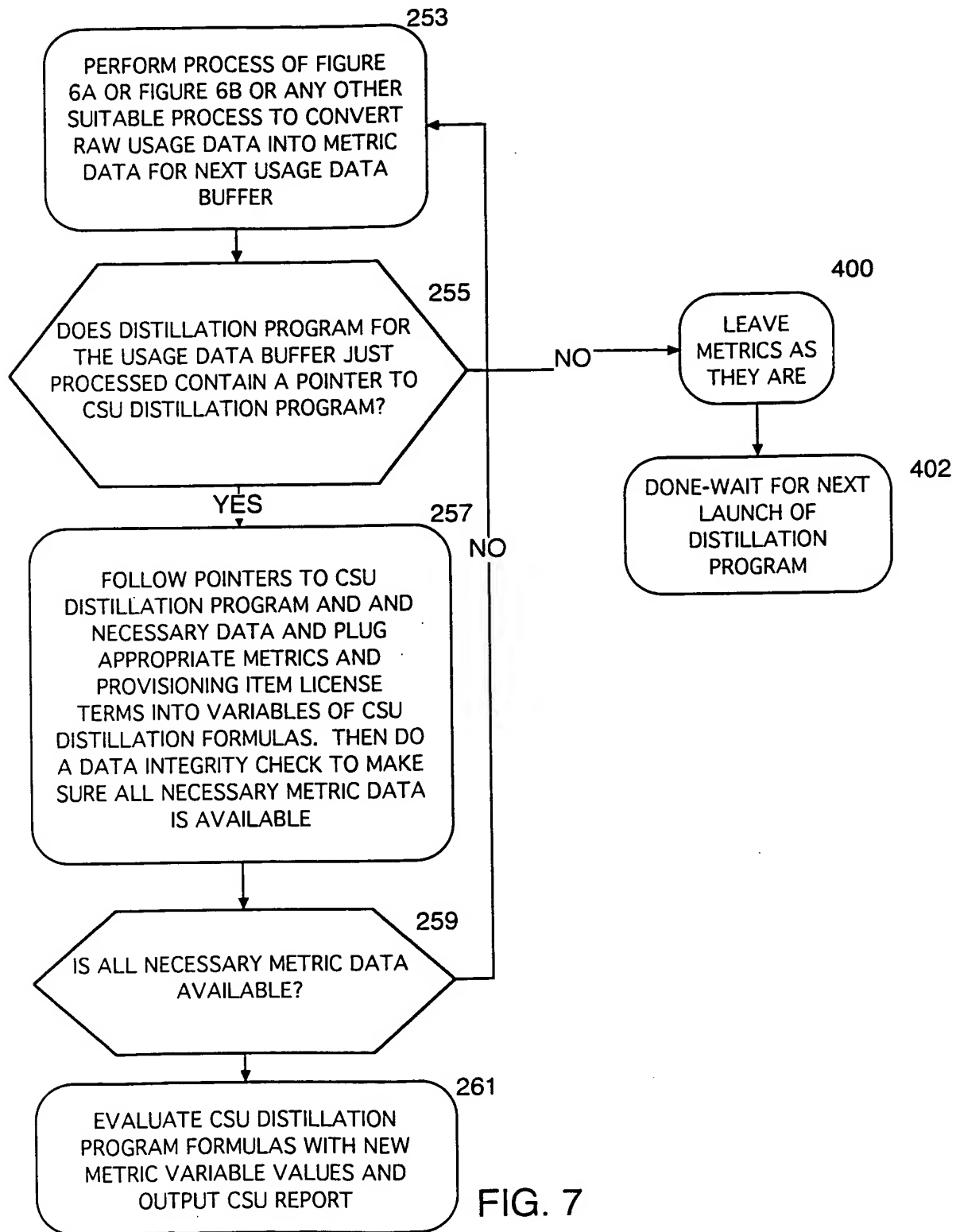
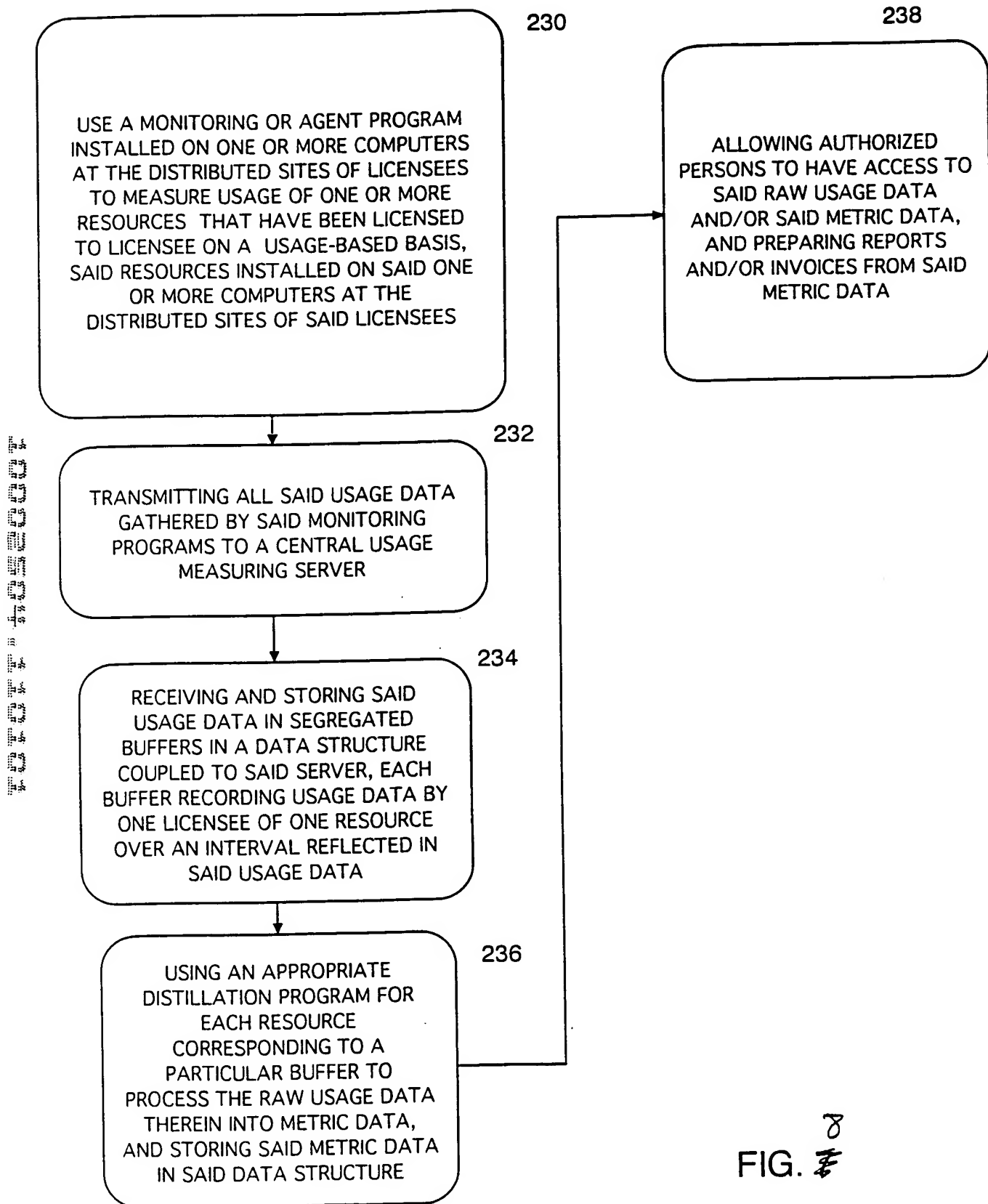


FIG. 7

**OVERALL PROCESS TO COLLECT RAW USAGE DATA IN A CENTRAL SERVER AND
USE IT TO PREPARE METRICS AND PREPARE INVOICES OR REPORTS THEREFROM**



8
FIG. 8

PROCESS TO BUILD USAGE MEASURING SERVER DATA STRUCTURE AND ALLOW RESTRICTED ACCESS THERETO

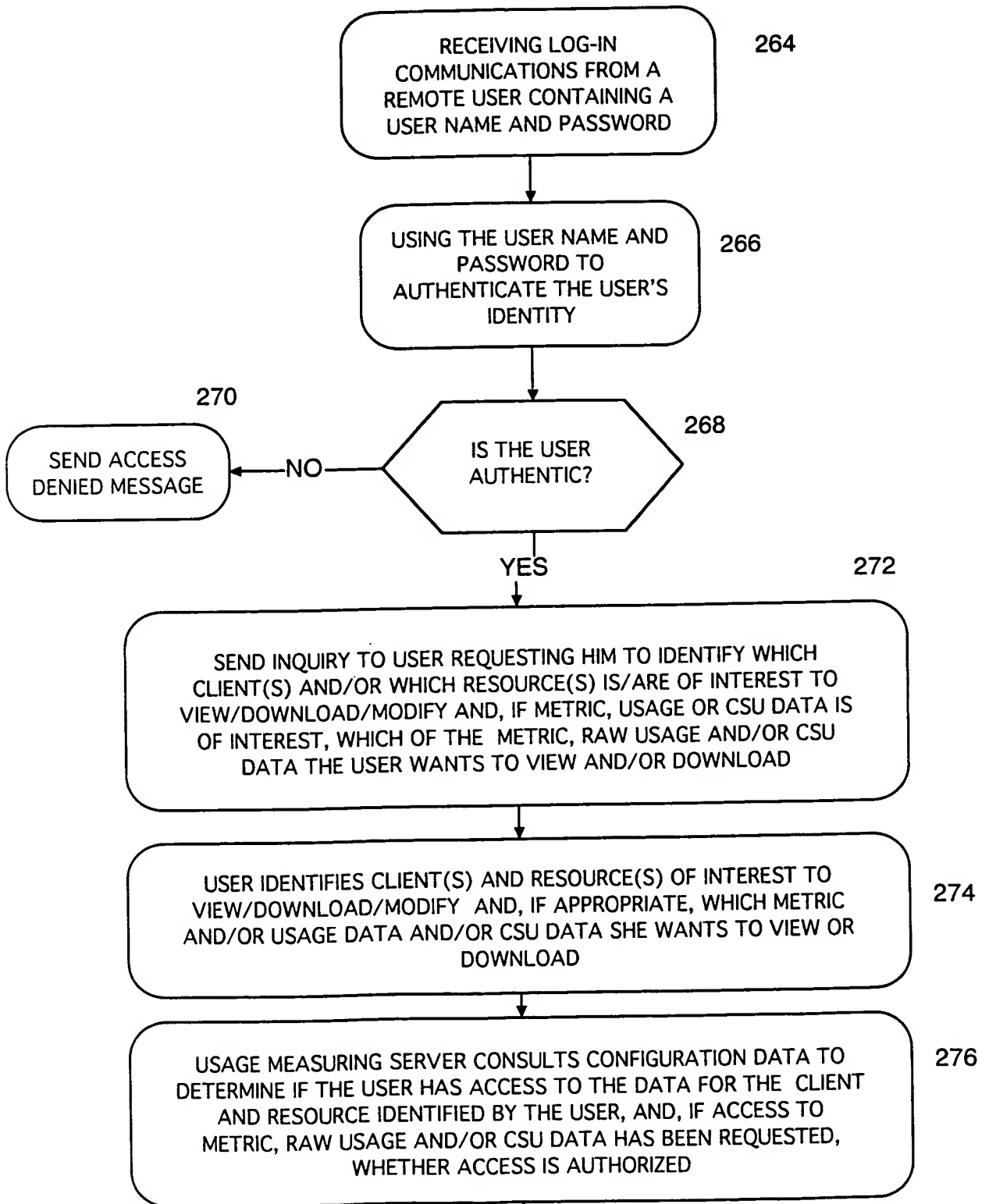


FIG. 9A

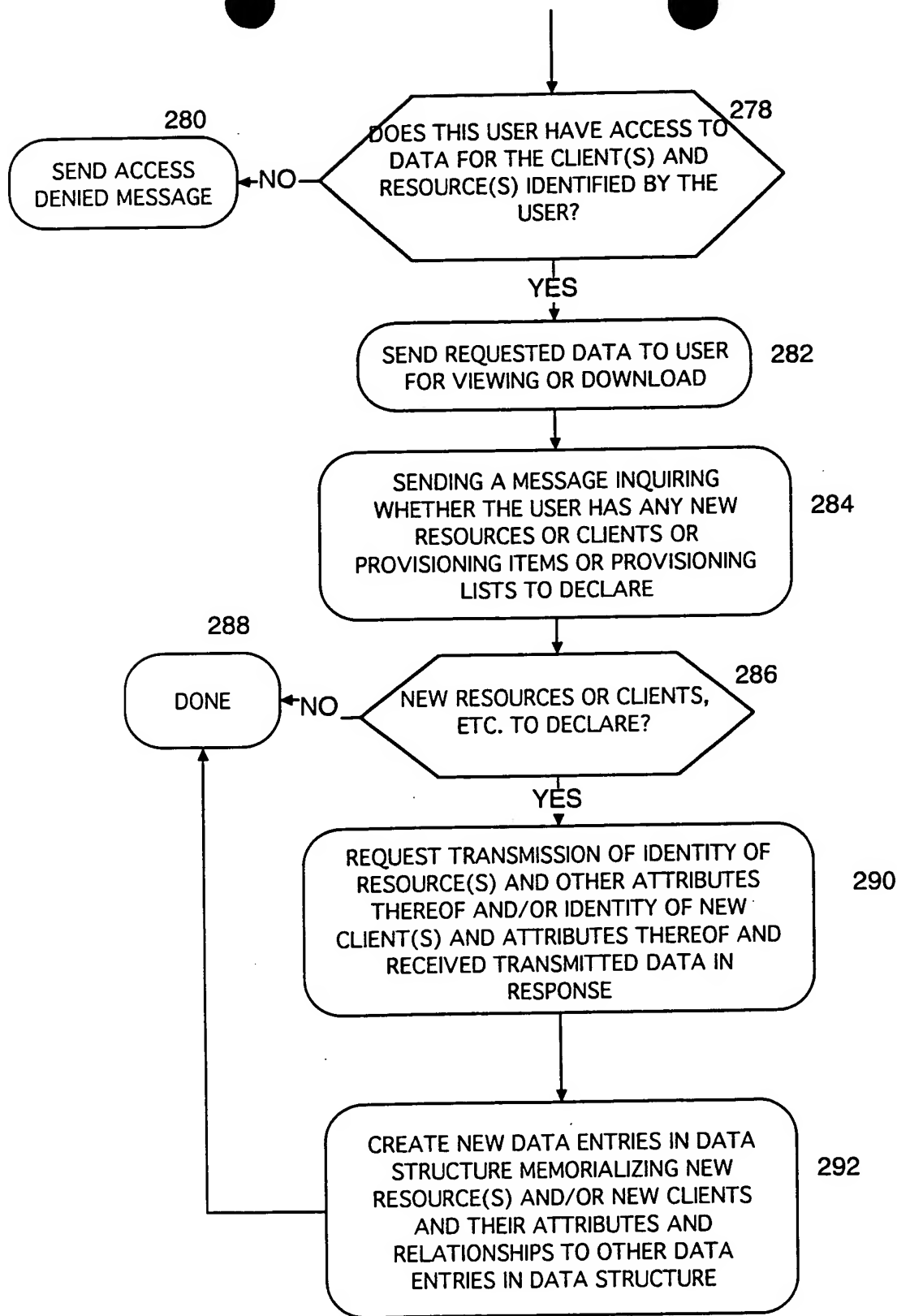


FIG. 9B

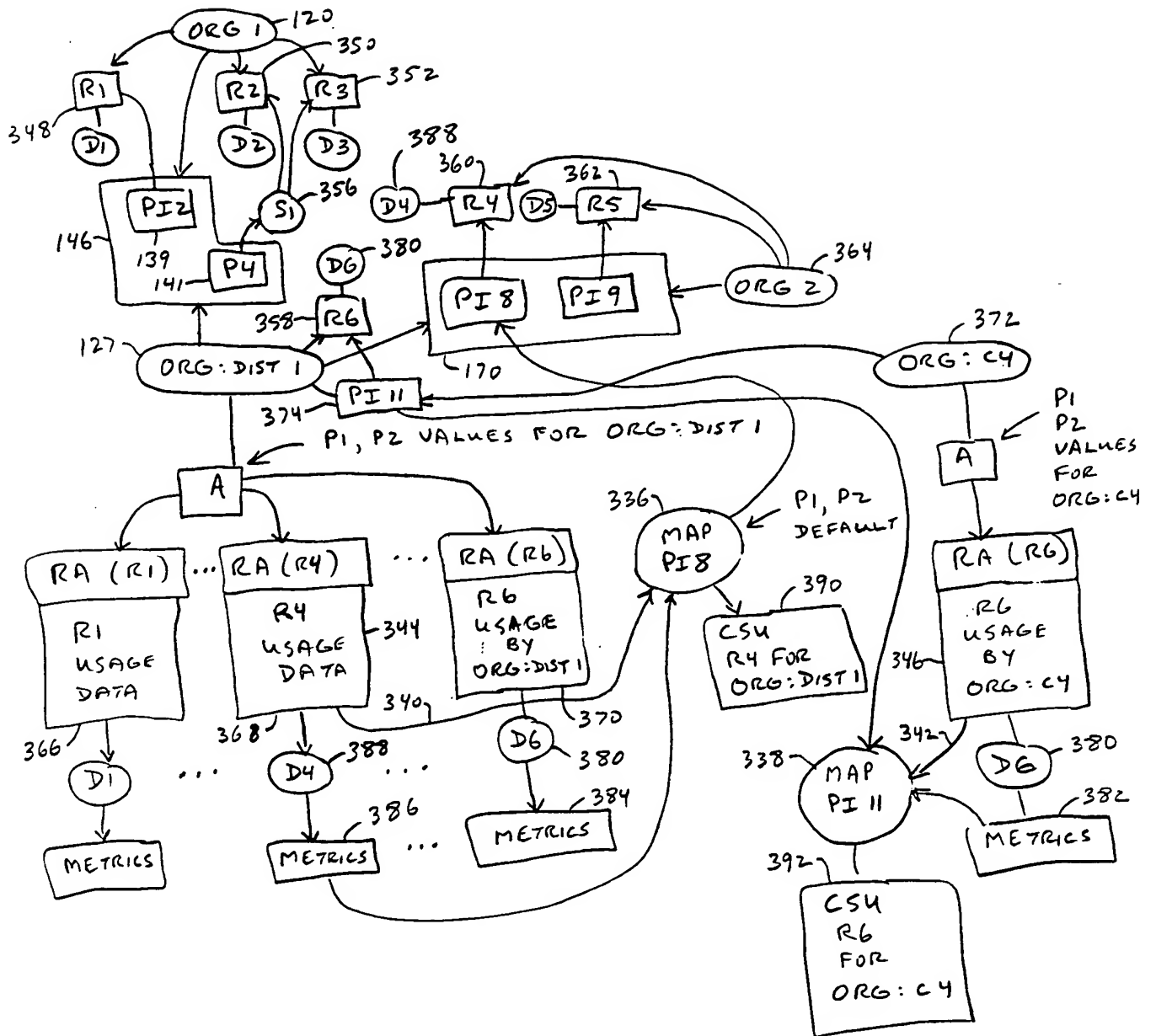


FIG. 10

ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO PROVISIONING ITEM DETAILING LICENSE TERMS

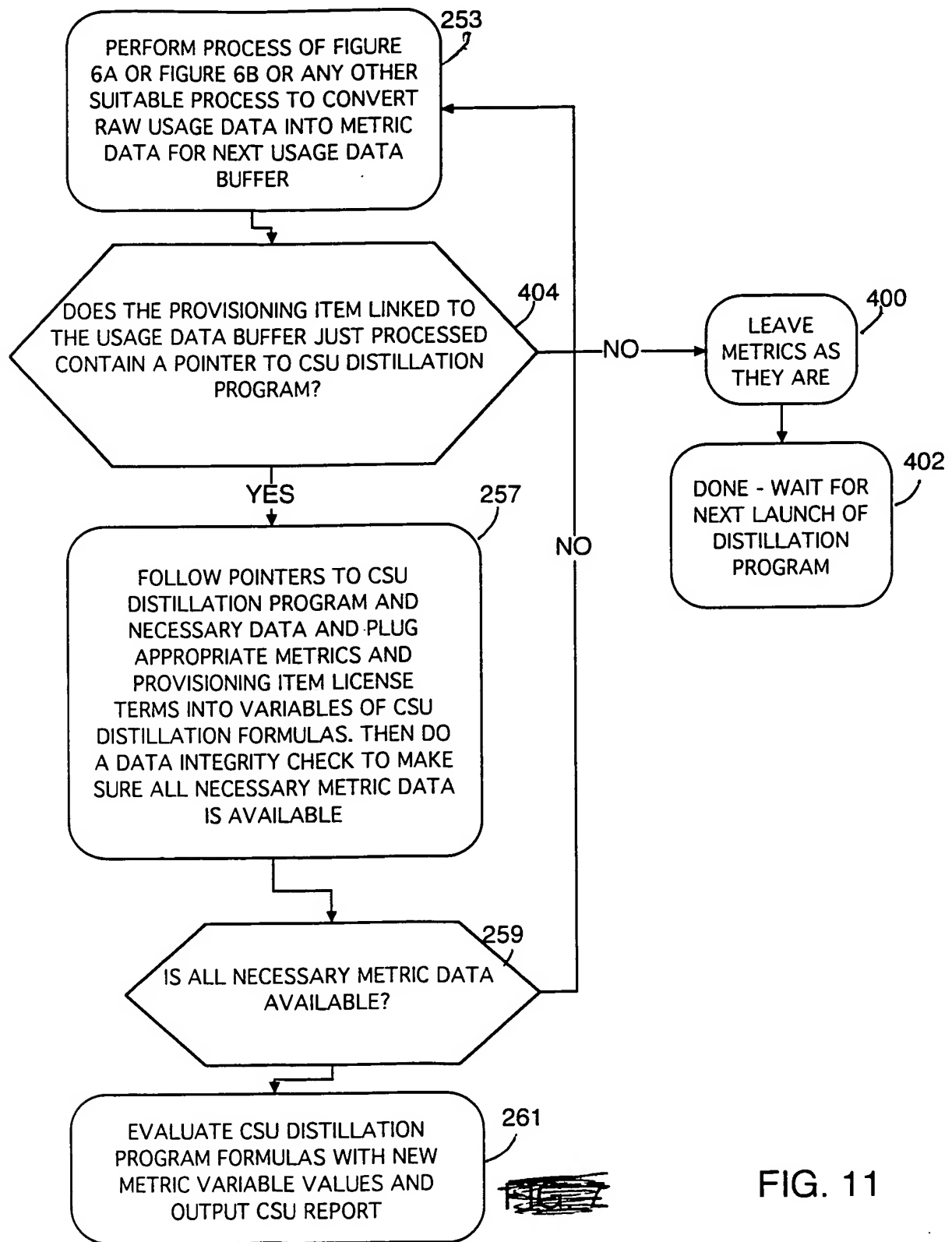


FIG. 11

ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO THE USAGE DATA BUFFER OF EACH CLIENT THAT WANTS CSU BASED REPORTS

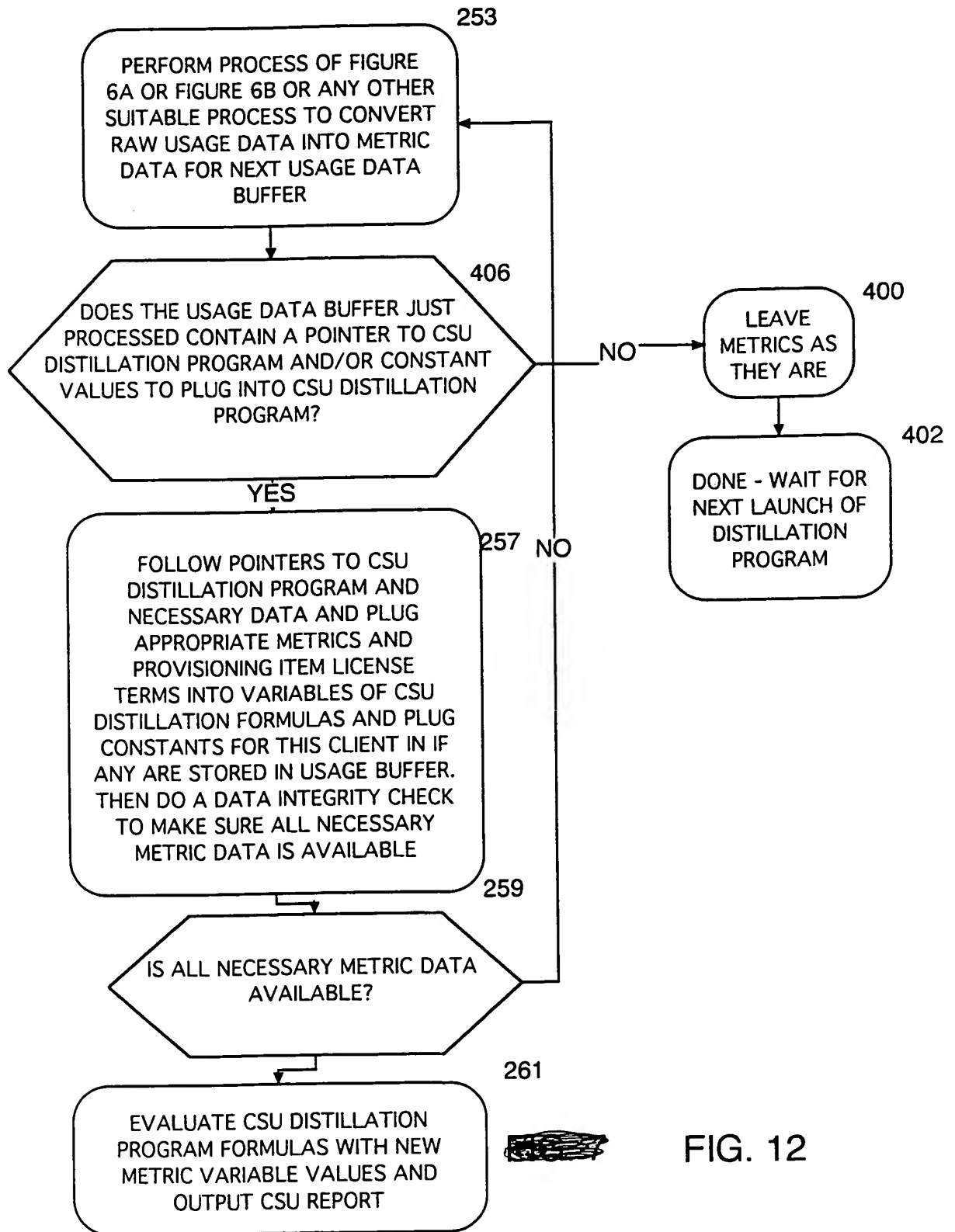


FIG. 12

PROCESS TO CREATE DATA STRUCTURE TO SUPPORT SUITE LICENSING AND
TO USE THE DATA STRUCTURE TO IMPLEMENT SUITE LICENSING

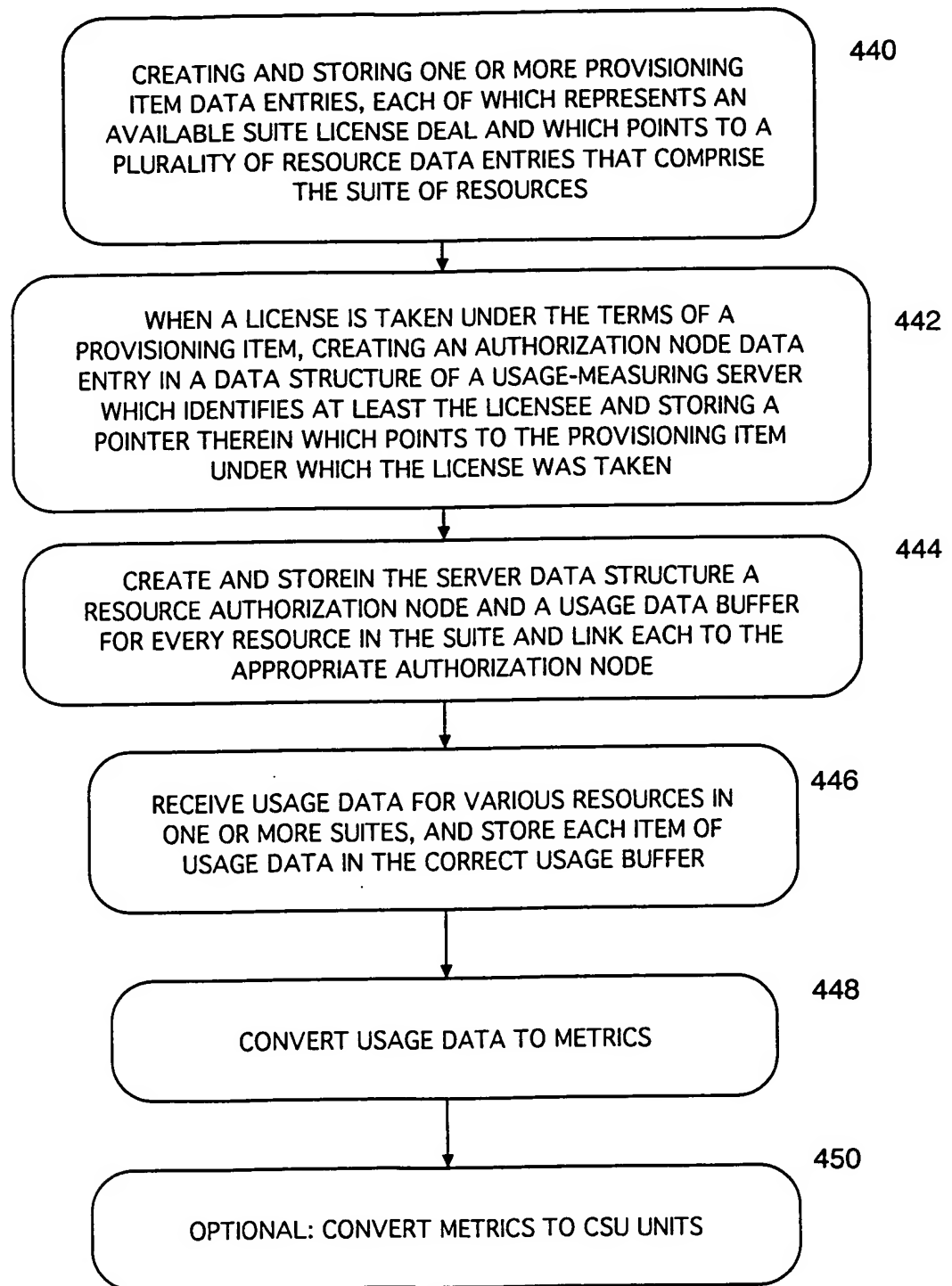


FIG. 13

ONE STOP SHOPPING PROCESS TO DETERMINE ALL AVAILABLE LICENSE DEALS
ON A PARTICULAR RESOURCE

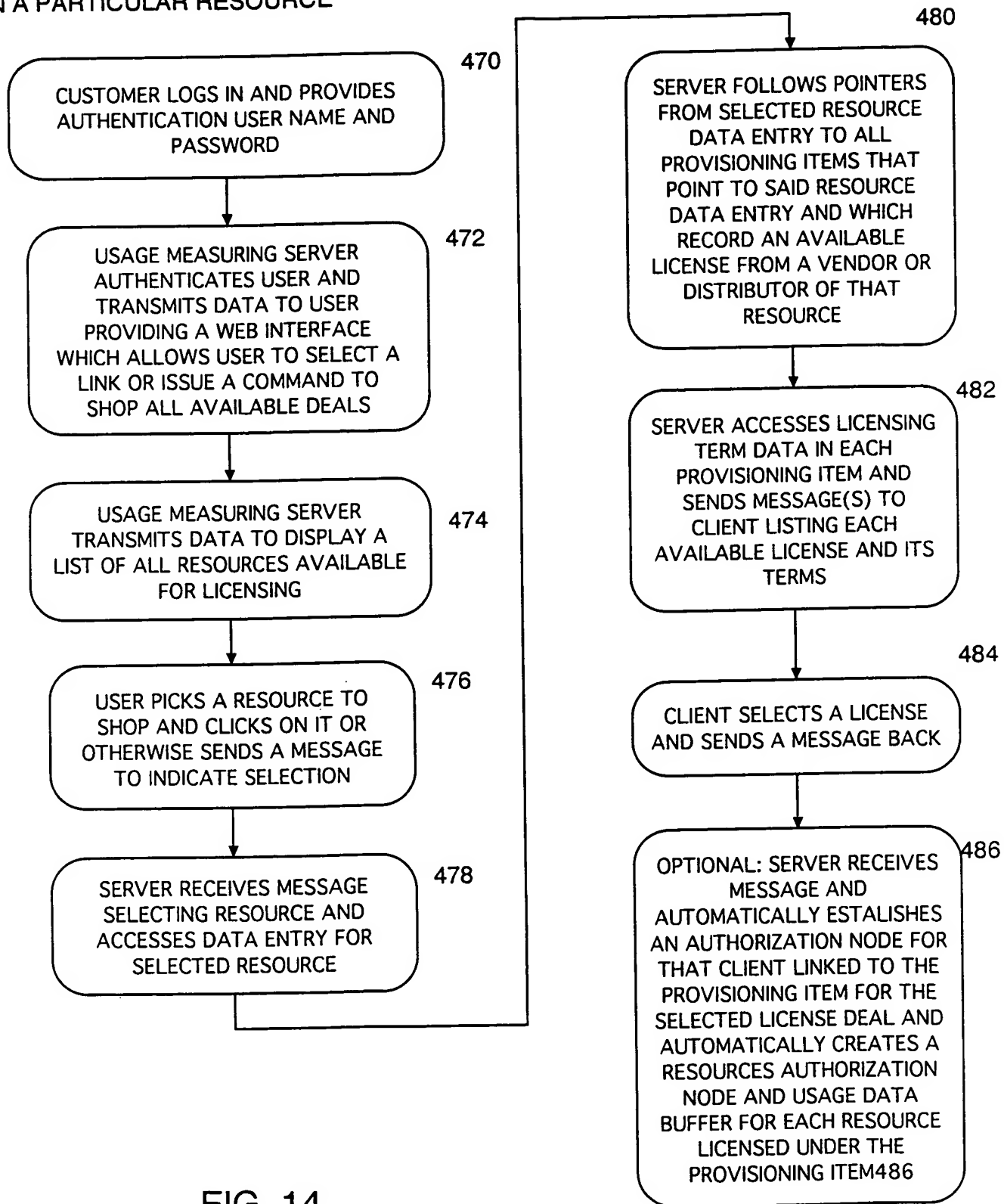


FIG. 14

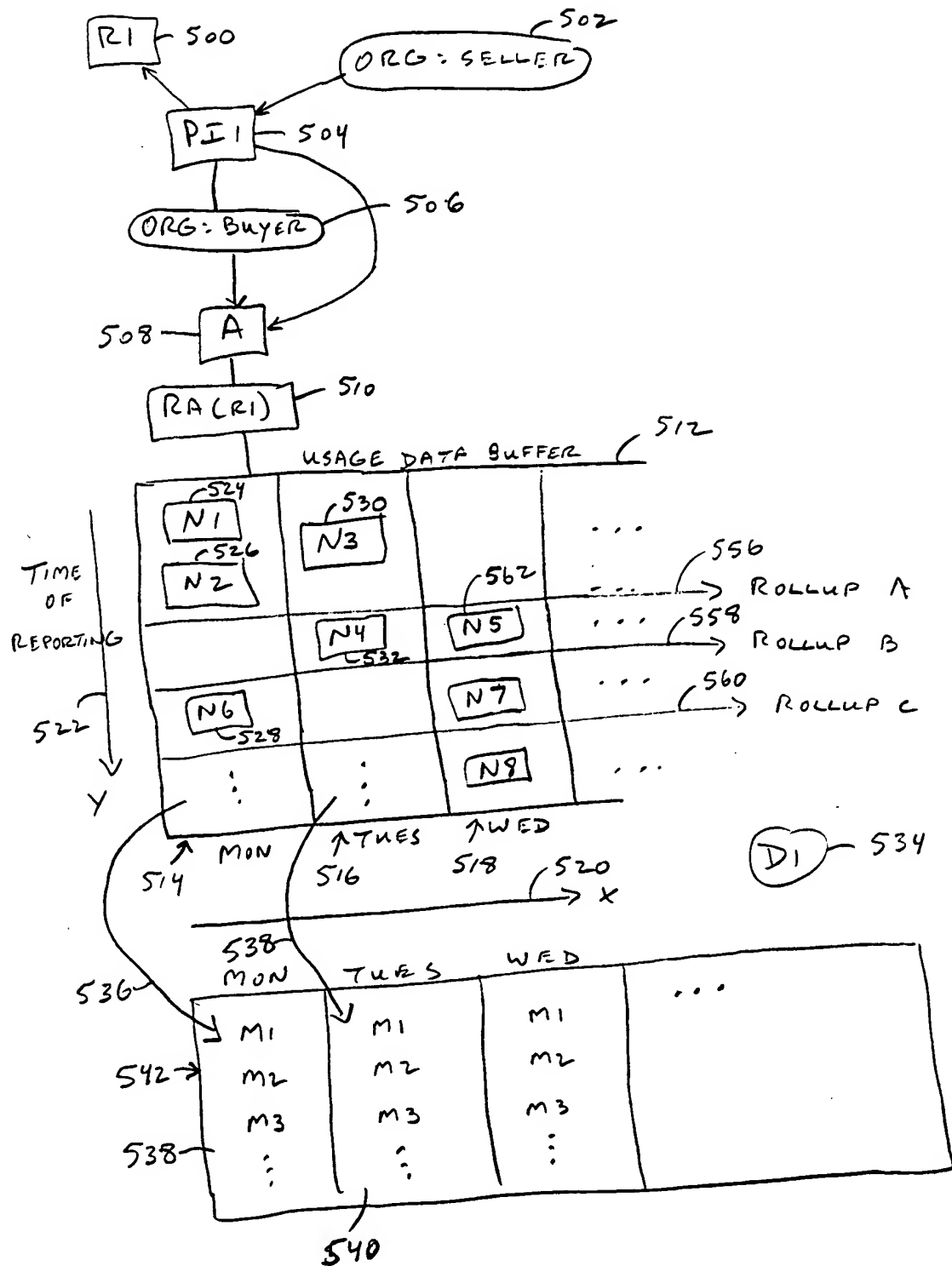


FIG. 15

PROCESS TO COLLECT USAGE DATA, PARTITION IT INTO TIME SEGMENTS
AND GENERATE METRICS THEREFROM

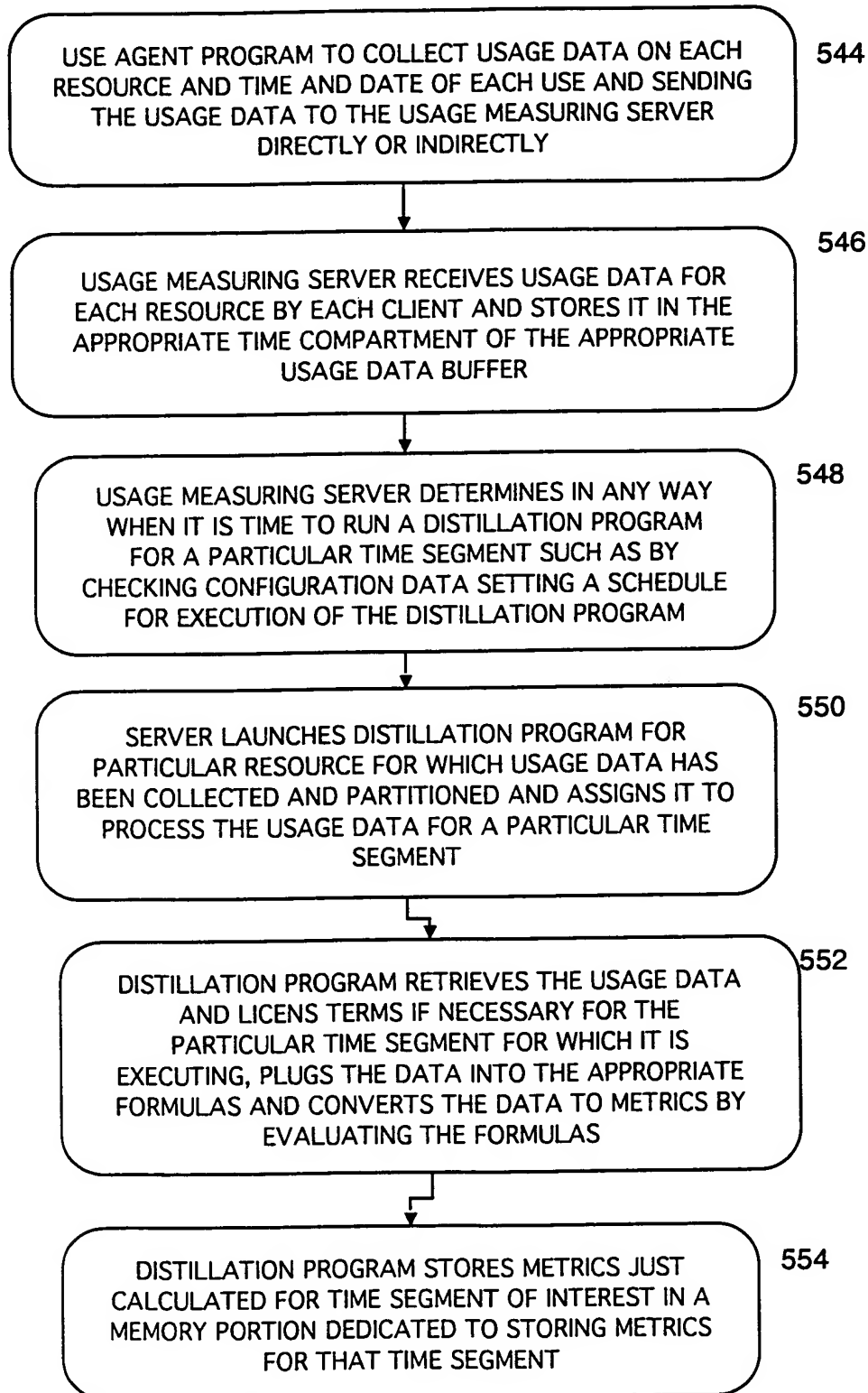


FIG. 16

ROLLUP A ID 39

	MON	TUES	WED	...
M1 = CPU	10	1	0	...
M2 = DOLLS	500	50	0	...
M3 = # PGS	759	71	0	...

: : :

FIG. 17

PREFERRED ROLLUP B ID 50

	MON	TUES	WED	
10		4	2	
500		120	40	
759		210	96	

FIG. 19

ALTERNATIVE ROLLUP B ID 40

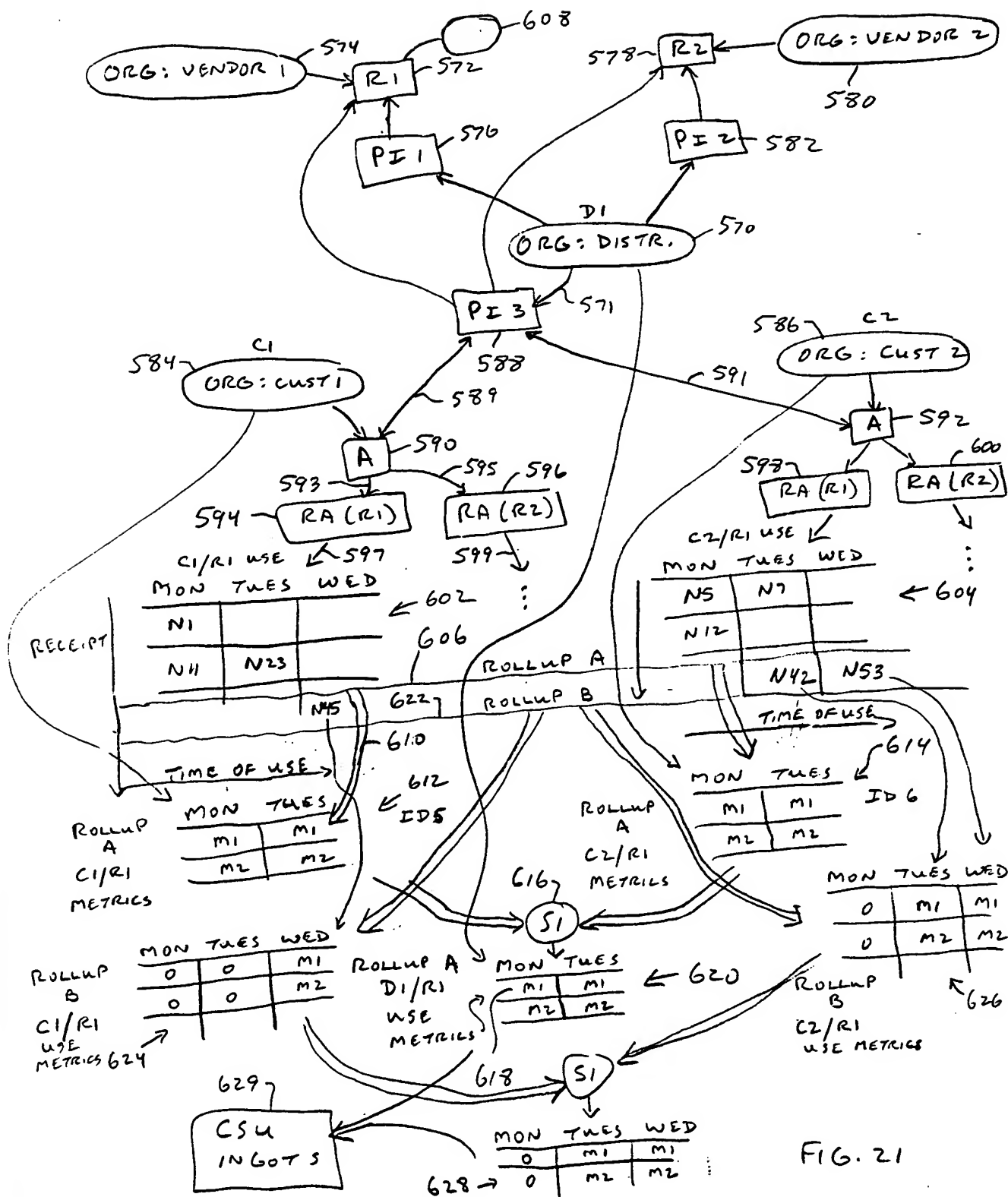
	MON	TUES	WED
0		3	2
0		70	40
0		139	96

FIG. 18

ALTERNATIVE ROLLUP B ID 40

	MON	TUES	WED
0		4	2
0		120	40
0		210	96

FIG. 20



PROCESS FOR ONE PROTOCOL ACCESS TO USAGE/METRIC/CSU DATA
FOR ALL LICENSEES OF A LICENSOR FROM A USAGE MEASURING SERVER

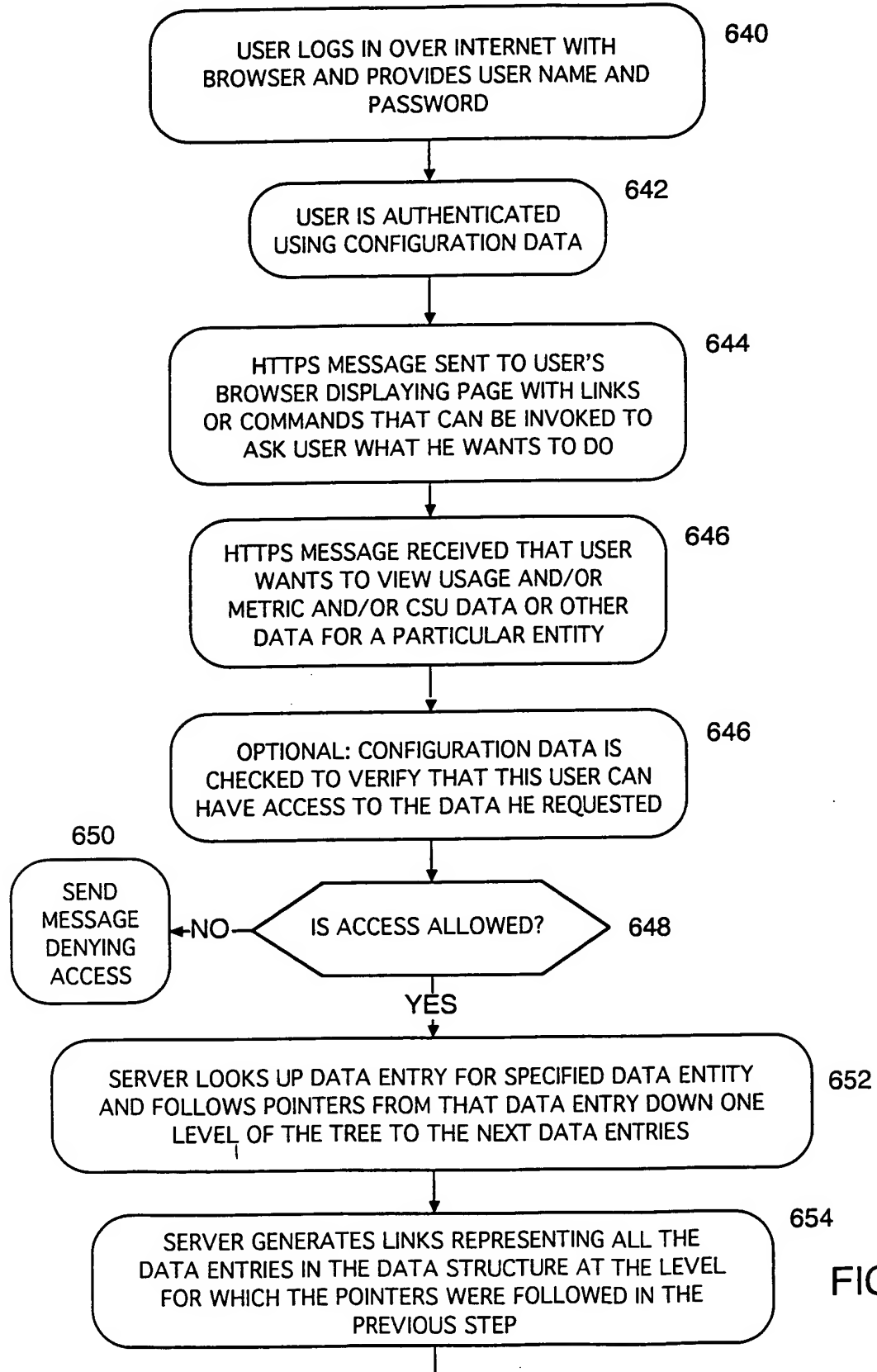


FIG. 22A

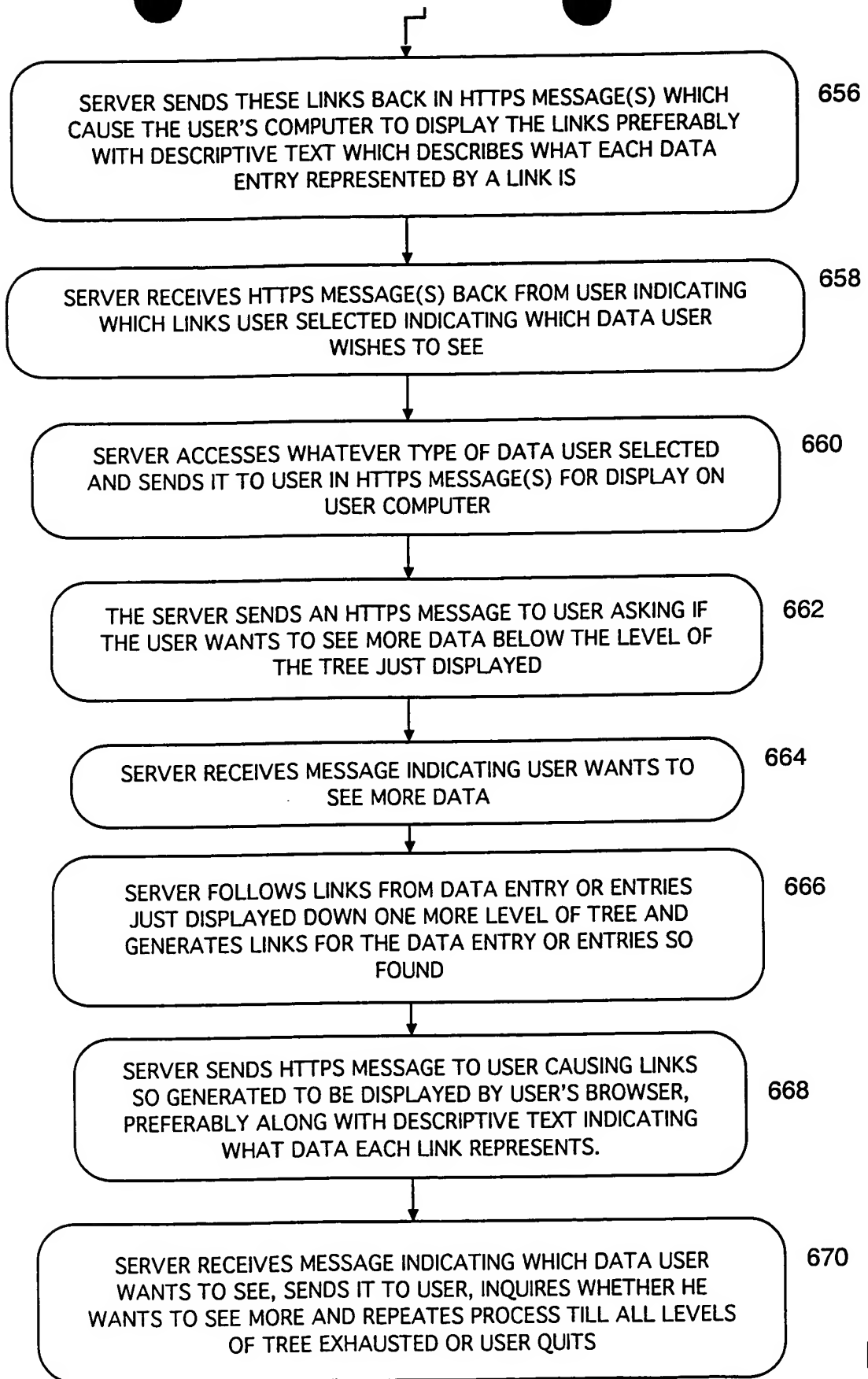
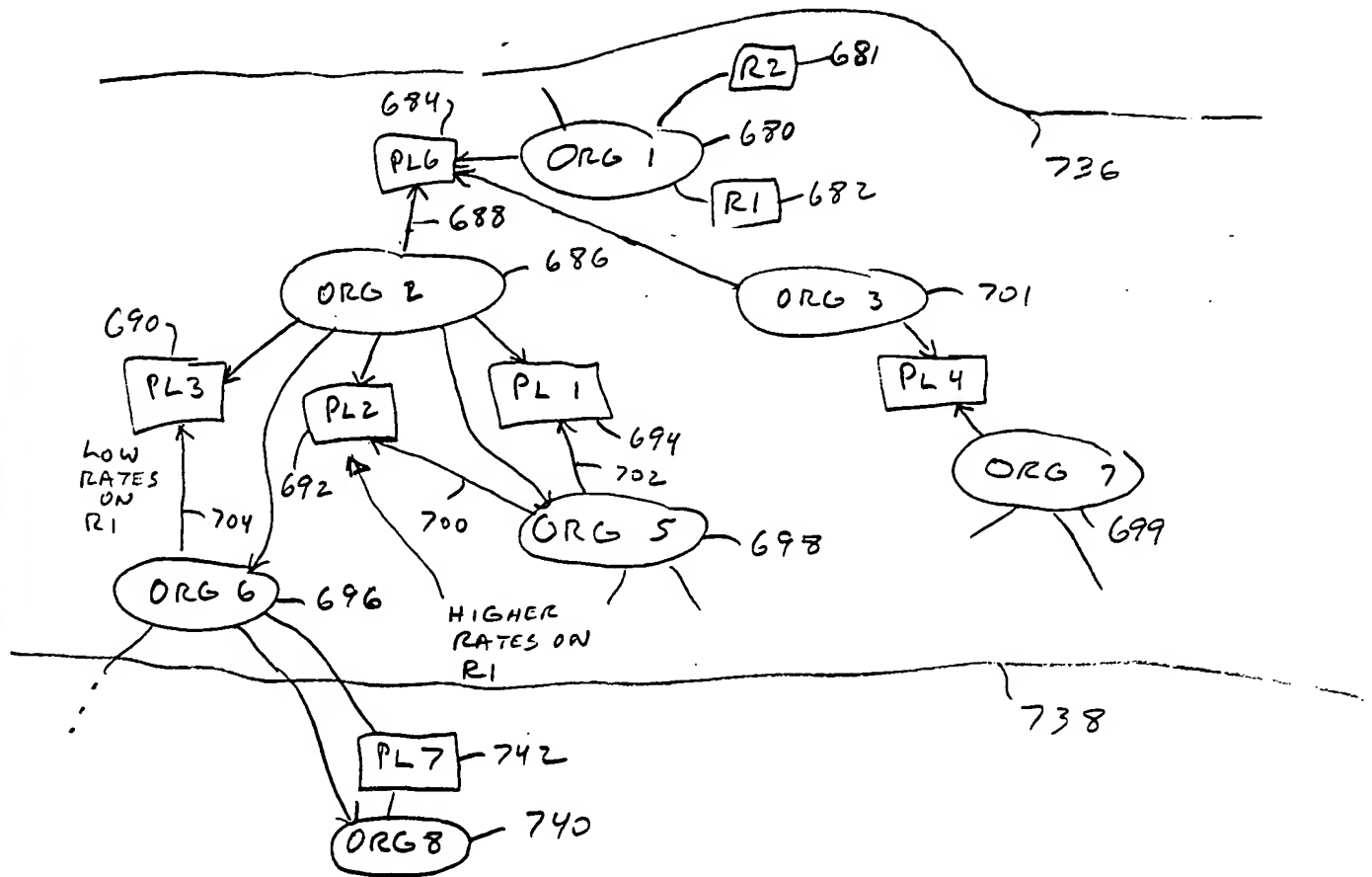


FIG. 22B



SECURITY BARRIERS
FIG. 23

A PROCESS TO IMPLEMENT SECURITY BARRIERS TO PREVENT USERS FROM VIEWING DATA IN A USAGE MEASURING SERVER DATA STRUCTURE THAT THE USER IS NOT AUTHORIZED TO VIEW

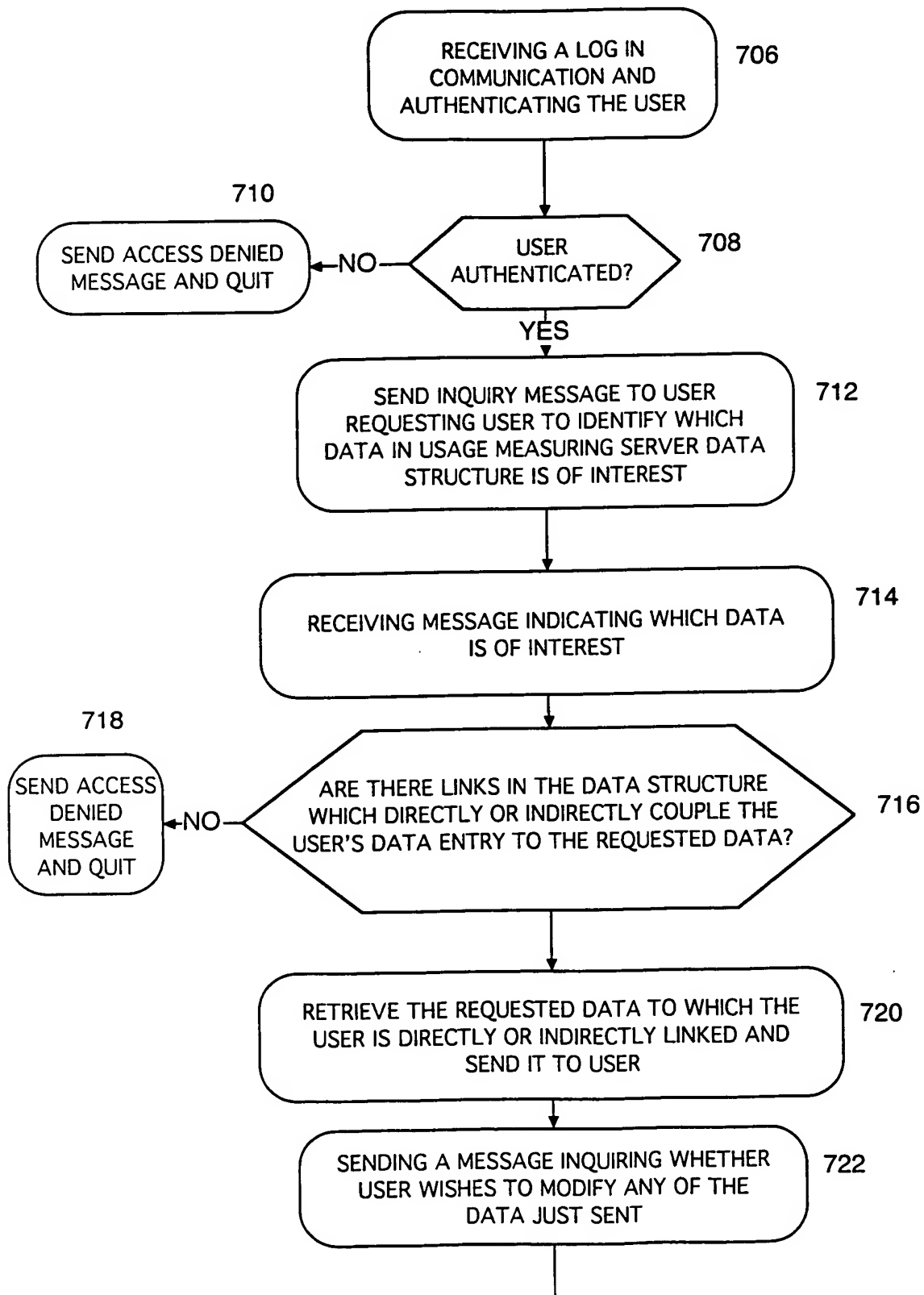


FIG. 24A

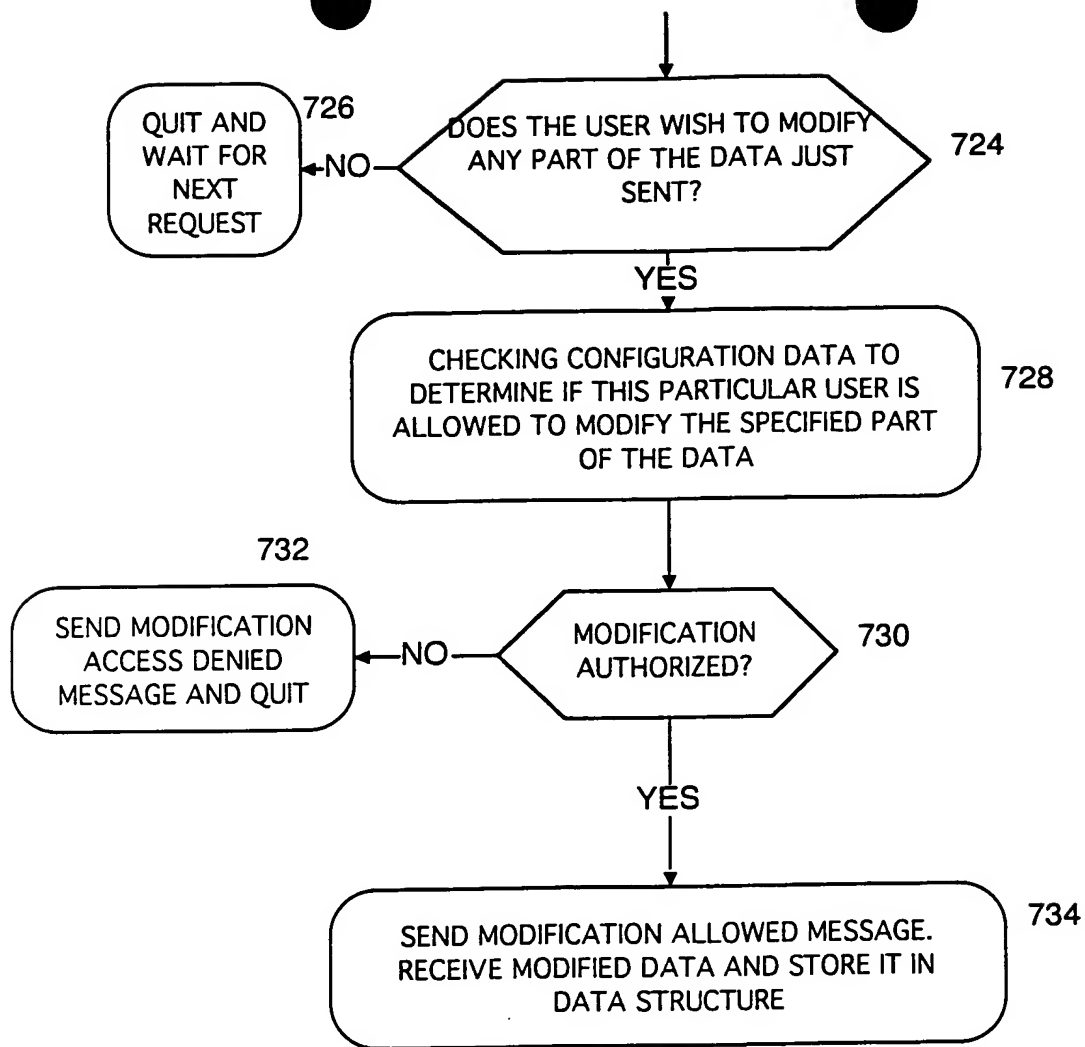
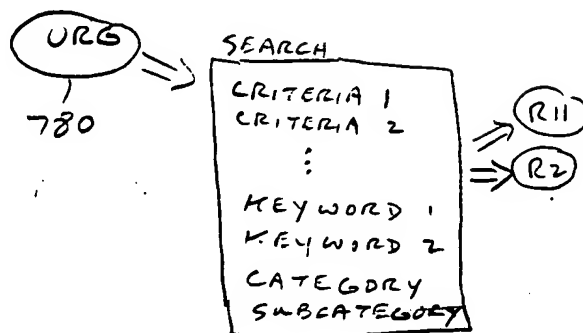
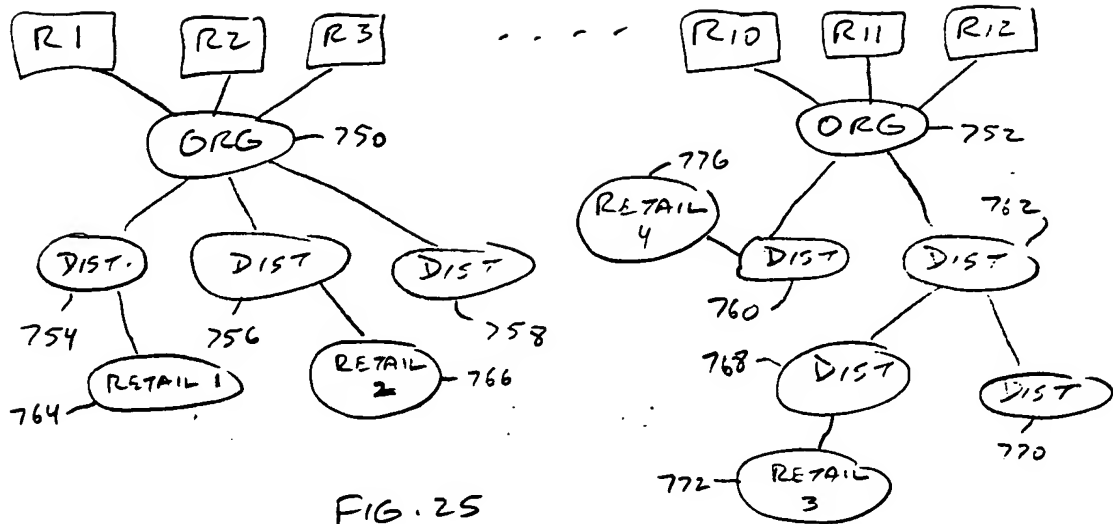


FIG. 24B



TAXONOMY CATEGORIES

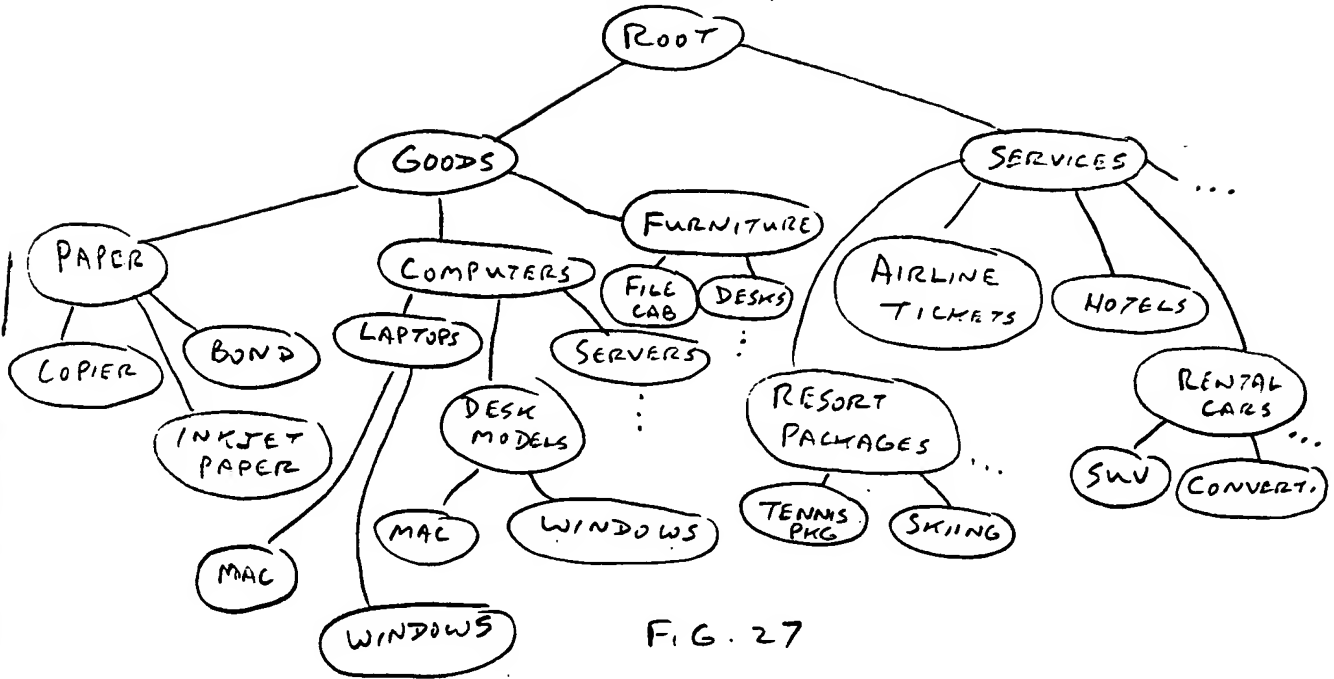


FIG. 27

SERVER PROCESSING TO IMPLEMENT ONE-STOP SHOPPING SEARCHING OF
THE DATA STRUCTURE BASED UPON USER-DEFINED CRITERIA

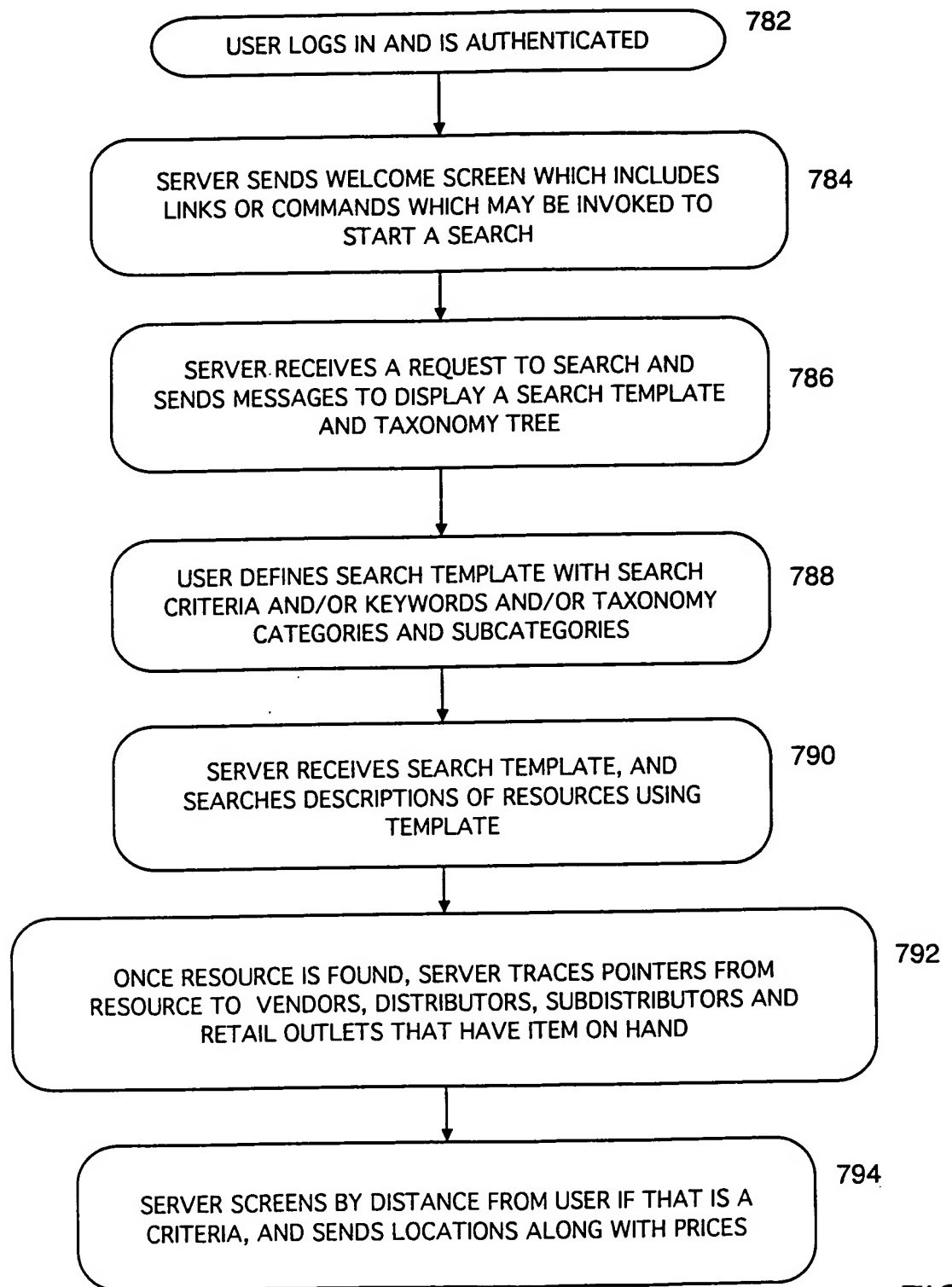


FIG. 28